

(Unclassified // FOUO)

CSWC Operational Period Summary

0600 December 14 2016 to 1800 December 14 2016



The Sierra passes are closed and will open in the spring. 12.12.16

Photo Credit: CalTrans District 10 @CaltransDist10 / Twitter



Cal OES
GOVERNOR'S OFFICE
OF EMERGENCY SERVICES

Duty Officer	
EDO	Mitch Medigovich
CSWC Watch Officer	Chad Stokes (Day) Grady Tunnell (Night)
STAC Duty Officer	STAC@caloes.ca.gov 916-275-4069
FDO	Art Torrez
LDO	Paul Walters
IDO	Dana Ellis
CDO	Catrina Christian
SDO	Pastor Guevara
PIO	Brad Alexander
TDO	George Lowry
IT	James Hancock
EQTP	Yvette LaDuke
Tribal Liaison POC	Denise Shemenski
Access and Functional Needs POC	Vance Taylor

National Terrorism Advisory System



Unclassified // FOUO

STAC 24 Hour Open Source Report

- Report Attached



Cal OES
GOVERNOR'S OFFICE
OF EMERGENCY SERVICES

SITUATION SUMMARY

Cal OES Activation Status

State Operations Center	Inland Region EOC	Coastal Region EOC	Southern Region EOC
Level 1	Level 1	Level 1	Level 1

California Winter Storms

The first of two storms is currently impacting Northern California and the northern Sierra today. The stronger storm will move onshore across Northern California Thursday morning, and as far south as Southern California by Thursday night/Friday morning. Heavy rain and heavy snow can be expected at higher elevations, and gusty winds are possible. The storm will move out Friday afternoon with colder air and lingering showers.

Storm 1 (Today)

Northern California

- Heavy Rain (2-4 inches foothills/mountains, Coastal Ranges, Shasta, northern Sierra).
- Urban and small creek flooding.
- Heavy Snow - mainly 8000 feet (4-8 inches).
- Slick roads, low visibility, blowing snow at higher pass levels.

Storm 2 (Thursday 12/15 - Friday 12/16)

Northern California, Sierras, shifting into Central/Southern California by Thursday night

- Heavy Rain - (3-5 inches foothills/mountains with heaviest precipitation northern Sierra shifting into central Sierra Thursday afternoon).
 - Urban and small creek flooding.
 - 8 main stem rivers gauge points are projected to reach flood stage, there are no major impacts anticipated.
 - Burn Scar impacts are possible in and near recent fire areas in the Sierra and along the coasts with debris flows possible with heavy rainfall.
- Heavy Snow - (12-24 inches possible above 5500 feet with snow levels starting high around 8000 feet then lowering Thursday night).
 - Blowing and drifting snow at pass levels.
 - Slick/icy roads with low visibility.
- Strong Winds - Gusty south winds 25-35 mph with gusts 45-55 mph (higher in foothills and mountains) until Thursday afternoon when the cold front passes through the area.
 - Potential power outages could result.

SITUATION SUMMARY

Significant Watches/Warnings

A Flood Warning has been issued for 4 counties in California:

- Counties are: Mendocino, Humboldt, Nevada, and Placer

A Flood Watch has been issued for a total of 36 counties in California:

- Counties are: Alpine, Amador, Butte, Calaveras, Colusa, El Dorado, Glenn, Lake, Lassen, Trinity, Modoc, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Sierra, Solano, Stanislaus, Sutter, Tehama, Tuolumne, Yolo, Yuba, Del Norte, Humboldt, Mendocino, Siskiyou, Fresno, Kern, Kings, Madera, Mariposa, Merced, Tulare

Flash Flood Watches have been issue for all recent burn scar areas.

Cal OES Regions:

- Region staff indicate that there are currently no Operational Areas (OAs) who intend to activate their Emergency Operations Centers (EOCs) but OAs are monitoring.

State/Federal Agencies

- California State Parks has notified their Public Safety Superintendents in all Districts advising them to take precautions for storm preparation, as well as staffing accordingly and advising park visitors via typical communication routes.
- The Department of Water Resources Flood Operations Center (FOC) will remain on regular staffing patterns utilizing duty officer notifications after hours.
- The California Nevada River Forecast Center (CNRFC) will implement extended 24 hour staffing for Thursday and Friday in response to the storms.

Missions

- Los Angeles County: LA County OEM has requested the use of 3 California National Guard (CNG) Armories for the homeless.
 - Pomona Armory – 600 S. Park Avenue, Pomona
 - West Los Angeles Armory – 1300 Federal Avenue, Los Angeles
 - Sylmar Armory – 12860 Arroyo Street (Foothill Blvd.), Sylmar
- Mission Tasking #2016-Southern-28876.

Road Closures

- Nothing Significant to Report (NSTR)

Infrastructure

- Utilities are in storm preparation mode and have pre-activated their storm response centers with core staffing.

RIVER FORECAST

Cal OES Coastal Region

River Forecast - The following rivers are forecast to meet or exceed Flood stage Thursday - Friday:

- Humboldt County: Eel River at Fernbridge
 - Potential Impacts: Significant flooding of the western portions of Cannibal Island Road, Camp Weott Road, the Salt and Old Rivers and all adjacent low-lying areas. Flooding in these areas is exaggerated when crest timing is coincident with high tides and strong onshore winds, and for longer duration events. A Special Action Advisory is being issued to all owners of livestock in low-lying areas of the Eel Delta. These animals are at risk due to rising river levels and appropriate action should be considered.
- Humboldt County: Van Duzen River at Bridgeville
 - Potential Impacts: Minor flooding of Highway 36 near Grizzly Creek State Park and in lower portions of the State Park itself. Moderate flooding of River Bar Road in the Starvation Flats area.
- Mendocino County: Navarro River at Navarro
 - Potential Impacts: Flooding of Highway 128 approximately 5 miles from Highway 1 is certain and the highway will be closed. Motorists should use alternate routes

River Forecast - The following rivers are forecast to meet or exceed monitor stage this week:

- Del Norte County: Smith River at Doctor Fine Bridge, Smith River at Jed Smith, Klamath River at Klamath
- Humboldt County: Mad River at Arcata, South Fork Eel River at Miranda
- Siskiyou County: Scott River at Fort Jones

Cal OES Inland Region

River Forecast - The following rivers are forecast to meet or exceed Flood stage Thursday - Friday:

Sacramento County:

- Sacramento River at Tehama Bridge
 - Potential Impacts: Low lying area on west side of river, south of town of Tehama floods.
- Sacramento River at Vina Woodson Bridge
 - Potential Impacts: Woodson Bridge Park is closed due to flooding. Water is up to the top steps of the recreation center at Driftwood RV Fishing Resort on the east bank of the river.
- Sacramento River at Ord Ferry
 - Potential Impacts: Designated flood stage. Design overflow level for M&T, 3BS and Goose Lake Flood Control facilities to divert flood flows into Butte Basin. M&T overflows closing River Road from Ord Ferry Road to Chico River Road. Ord Ferry Road is already closed.

Placer County:

- Truckee River at Truckee
 - Minor flooding from Bear Creek in the Alpine Meadows area to Truckee. Truckee River bike path between the River Ranch at Alpine Meadows Road to Tahoe City flooded up to a foot deep. Minor flooding of basements and yards of some low-lying homes along the river.



RIVER FORECAST

Cal OES Inland Region Cont.

Mariposa County:

- Yosemite at Pohono Bridge
 - Potential Impacts: Western portion of North Pines Campground, located at the east end of Yosemite Valley between the confluence of the Merced River and Tenaya Creek, begins to flood. Water rises to the base of the swinging bridge downstream from Chapel Meadow.

River Forecast - The following rivers are forecast to meet or exceed Monitor stage this week:

- Siskiyou County: Scott River at Fort Jones
- Tehama County: Sacramento River at Red Bluff
- Glenn County: Sacramento River at Hamilton City, Sacramento River at Butte City
- Colusa County: Sacramento River at Colusa Bridge, Sacramento River at Moulton Weir, Sacramento River at Colusa Weir, [Sacramento River at Moulton River](#)
- Sutter County: Sacramento River at Tisdale Weir, Sacramento River at Fremont Weir
- Sacramento County: Cosumnes River at Michigan Bar, Cosumnes River at McConnell, [Sacramento River at I Street](#)
- Solano County: Sacramento River at Rio Vista
- Yuba County: [Yuba River at Marysville](#)
- Alpine County: [East Fork Carson River at Markleeville](#)

Please see link for River Forecast Guidance - <http://www.cnrfc.noaa.gov/>

SITUATION SUMMARY

M5.0 Earthquake, The Geysers, Sonoma County

On 12/14/16 at 0841 hours a verified M5.0 earthquake (EQ) occurred 2 miles NW of The Geysers, Sonoma County at a depth of 0.6 miles.

- The EQ was followed by several smaller earthquakes.
- Per Sonoma County, the EQ was felt; however there were no reports of damage or injuries from Sonoma County or surrounding OA's.
- The Cal OES Coastal Region, Law Enforcement, and Fire Duty Officers made contact with local authorities.
- Per the Cal OES Inland Region Administrator (RA) at 1015 hours, 12/14/16 several counties felt the EQ but no damages were reported.
- The Cal OES Earthquake and Tsunami Program Manager made contact with the California State Geologist, who advised:
 - This earthquake was from geothermal sources and does not appear to be from tectonic origins.
 - The depth was approximately 1 km, which is typical of geothermal quakes in that area.
 - No tectonic fault is shown about the quake site.
 - These sized quakes at the Geysers are infrequent, but not particularly rare.
 - The State Geologist will monitor future activity, but past quakes like this have been one-of-a-kind events.
- Per CHP ENTAC and Caltrans no damage to roads or bridges reported, roads are open.
- Per the Department of Water Resources no inspections are required and no damages have been reported.
- The California State Warning Center (CSWC) made all appropriate notifications per SOP.

Earthquake Swarm, Long Valley Caldera, Mono County

On 12/13/16 late in the evening into early Wednesday morning on 12/14/16, a sequence of earthquake events occurred at Long Valley Caldera, Mono County.

- The Cal OES Earthquake and Tsunami Program Duty Officer (EQTP DO) has been in contact with the USGS California Volcano Observatory (Cal VO) who indicates that swarms of this type are common under the South Moat of Long Valley Caldera.
- At present there is no indication of increased volcanic threat to the region.
- The EQTP DO will continue to monitor the situation and provide updates as warranted.

SITUATION SUMMARY

California Department of Public Health Zika Virus and Meningococcal Disease Update

The Medical and Health Coordination Center (MHCC) continues to be activated in response to the Zika virus disease. The California Department of Public Health (CDPH) and Emergency Medical Services Authority (EMSA) are currently the only Emergency Function 08 (EF 08) partners at the state level reporting on this activation.

- The MHCC is coordinating with EF 08 partners, healthcare facilities and local health departments (LHDs) to ensure responses are timely and accurate.
- CDPH and EMSA Duty Officer Programs are monitoring the Zika virus disease outbreak after hours and remain in communication with the Regional Disaster Medical and Health Coordination (RDMHC) and the Medical Health Operational Area Coordinator (MHOAC) Programs throughout California.

Zika Virus

- As of Friday, December 9, 2016, there have been 433 travel-associated Zika virus infections in California.
- This number reflects an increase of 10 from the 423 cases reported in the last operational period.
- CDPH centers and programs continue to monitor Zika virus disease and provide information to the MHCC related to their specific activities on a weekly basis.
- See attached Zika Report.

FIRE ACTIVITY

Cal OES Fire Preparedness Levels

National	Northern California	Southern California
Preparedness Level 1	Preparedness Level 1	Preparedness Level 2
	Multi-Agency Coordination System MACS Mode: 2	Multi-Agency Coordination System MACS Mode: 2

- Nothing Significant to Report.

MAJOR ROAD / HIGHWAY / BRIDGE CLOSURES

Major Road Closures		
Northern California	Central California	Southern California
No Lifeline Route Closures	No Lifeline Route Closures	No Lifeline Route Closures

Lifeline Routes:

- [There are no Lifeline Route closures at this time.](#)

Non-Lifeline Routes:

Trinity County: State Route 299 4.5 miles west of Big Bar at Big French Creek is closed to one way traffic due to slide activity.

- Estimated Time of Reopening: 12/24/2016

Wildfire Closures:

- [There are no Wildfire Closures at this time.](#)

Emergency Center Activations:

- [There are no Emergency Center Activations at this time.](#)



Click on the Caltrans Logo to check
current highway conditions.
*You can also call 1-800-427-7623 for
current highway conditions.*



California 911 System

CA 911 Outages		
Northern California	Central California	Southern California
No 911 Outage	No 911 Outages	No 911 Outages

Service Interruptions:

- None reported.

Remote/Community Isolations:

- None reported.

WEATHER OF CONCERN

Weather of Concern

- Please see Situation Summary slide.

Active Weather Warnings, Watches and Advisories by County:

http://www.wrh.noaa.gov/sto/brief/wwa_bc_cal.php

WEATHER SYNOPSIS BY REGION

NORTHERN CALIFORNIA

The region will continue to be hit with significant amounts of precipitation into tomorrow. Strong winds will be developing today as well. Snow levels are above 4000 feet at the lowest already today and will get higher, rising to above 6000 feet in the north and 8000 feet in the south. Precipitation will begin to end southeastward across the region from about daybreak tomorrow except for the southeast quarter of the region where precipitation will pick up and occur well into tomorrow night before decreasing. Snow levels will remain high through the bulk of the precipitation event. Southerly winds will be on the increase over the region this afternoon to become quite strong. There will be a real possibility of trees uprooting especially given the moist soil conditions in many areas. Gusts of 30-45 mph will be very common with the windier areas seeing 50-60 mph gusts, including in some valleys (especially the Shasta Valley). Much lighter winds will sweep southeastward across the region this evening starting in the far northwest corner a few hours after dark. Although strong winds will persist in most of the eastern areas through the night, speeds will decrease gradually after midnight. Moderately strong winds will persist tomorrow in the Tahoe area. Much colder air will arrive Friday after most of the precipitation is done, so lingering showers expected over the southern Cascades and northern Sierra eastward could bring some light snow accumulations to as low as 4000 feet in the north and 5500 feet in the south that day. Otherwise, dry weather is expected elsewhere Friday and in all areas Saturday through next Tuesday. Under clearer skies likely to occur over the weekend and early next week, there is a good chance areas of dense valley fog forming overnight and lingering into the morning hours.

SOUTHERN CALIFORNIA

A powerful storm system will sweep through the area, bringing widespread and significant wetting rains to most of the region tomorrow and Friday. However, ahead of the storm, conditions today are expected to be partly to mostly sunny and warmer. High temperatures will be 3-5 degrees warmer with highs in the 50s in the mountains to the lower 70s across the region. Some light showers may occur near the Monterey Peninsula and in the far northern Sierras today and tonight, but the bulk of the precipitation will wait until tomorrow to arrive. Steady rain will arrive across the rest of the central coast tomorrow morning before spreading eastward into the Sierras by afternoon. The band of precipitation will reach Santa Barbara and Ventura Counties tomorrow evening and the rest of region late tomorrow night. A period of steady moderate rain will accompany a cold front with some periods of embedded heavy rain falling on the south and southwest aspects. The snow level will be around 7,000 feet with accumulating snow occurring around 8,000 feet. In all, expect over 4 inches of rain in the Sierra Foothills, 2-4" along the central coast and 1-3" on south aspects in the region. Up to 2 feet of snow may occur in the Sierras. Gusty west winds of 15-25 mph will be possible in Central California tomorrow afternoon through Friday morning with some gusts to 60 mph in the high country of the Sierras. The region will see south winds of 15-25 mph tomorrow night. The precipitation will taper off Friday morning, but a few scattered showers may occur during the afternoon. Drier weather with gusty north winds and cool temperatures can be expected Saturday. Weak and cold offshore flow may occur Sunday into Monday over the region. Temperatures may warm back to near normal readings by next Tuesday. No further precipitation events are expected the next 7-10 days.

Key Points

12/15 – 12/21

Thursday-Friday

- Heavy valley rains and mountain snows will create travel concerns, potential for flash flooding, and increased threats for debris flows on recent burn scars
 - Northern CA and Sierra Thursday
 - Central Coast, Sierra and Southern CA late Thursday into early Friday
- River flooding concerns develop due to runoff from the heavy rainfall
- Strong wind gusts Thursday and into Friday may create downed trees and power outages

Saturday-Wednesday

- Very cold conditions Sunday across much of the state with a hard freeze possible across much of the Sacramento Valley and portions of the San Joaquin Valley
- A cold Santa Ana wind event is expected Sunday and Monday
- No other significant hazards expected through the middle of next week.



California OES Impact Threat Matrix

Dec 15, 2016 – Dec 21, 2016

DAY/THREAT	THU	FRI	SAT	SUN	MON	TUE	WED
Fire Weather							Santa Ana
Winds	Sierra / Nrn CA	Sierra/ Srn CA					
Extreme Cold				Nrn CA / Central CA			
Snow	Sierra / Nrn CA Mtns	Sierra / Srn CA Mtns					
Heavy Rain/ Flash Flooding	Nrn CA / Central CA	Central CA / Srn CA					
River Flooding	Nrn CA	Nrn CA / Sierra					
Severe Weather							

-  High Threat
-  Moderate Threat
-  Slight Threat
-  No Discernible Threat



Day 1-2 Weather Hazards
Valid: Thursday-Friday

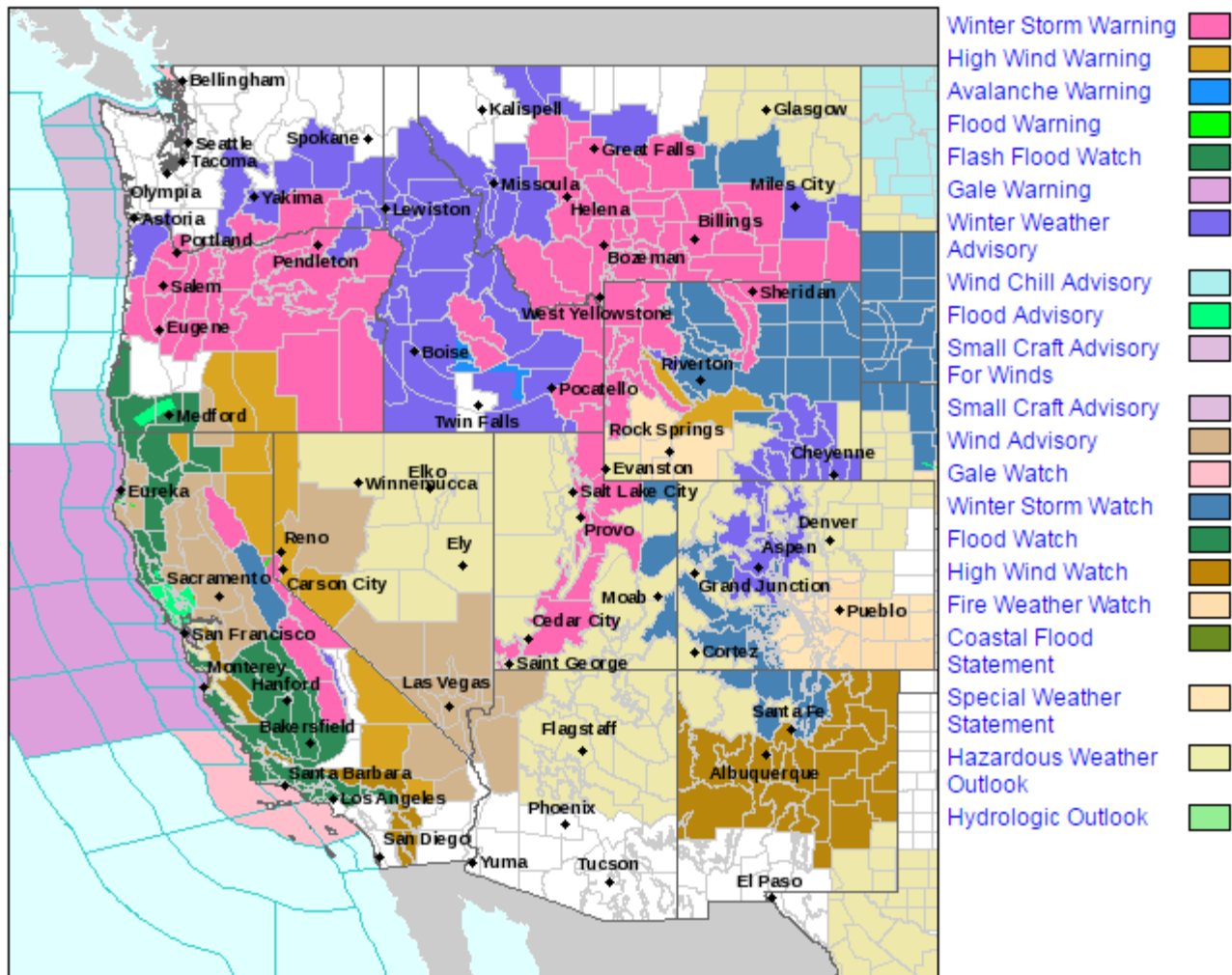


Heavy valley rains and mountain snows will create travel concerns, river flooding concerns, and strong wind gusts that may create downed trees and power outages

Strong gusty winds, potential for flash flooding/debris flows due to heavy rainfall, and high elevation snow late Thursday into Friday

- | | |
|--|------------------------|
|  | High Threat |
|  | Moderate Threat |
|  | Slight Threat |

WEATHER MAP



Last map update: Dec, 14th 2016 at 7:55:10 pm MST



Cal OES
GOVERNOR'S OFFICE
OF EMERGENCY SERVICES

CAL OES LAW ENFORCEMENT MISSIONS

Cal OES Law Missions

- **2016-LAW-28866, 12/08/2016, 1230 hrs.**, Alameda County Sheriff's Department (ACSD) as the Regional Mutual Aid Coordinator is requesting resources for San Benito County Sheriff's Department (SBSD) to assist in identifying possible human remains that were located in the area of Hollister, Ca. SBSD is requesting two cadaver search dog teams to assist in locating additional human remains. Cal OES, Law Enforcement Branch is coordinating the search dog response. Contra Costa Sheriff's Department is responding with requested resources.
Mission Ongoing.

CAL OES MISSIONS

Ongoing Cal OES Missions

- **2016-Coastal-26848:** Caltrans - Hazmat Manager for DROC for the Clayton Fire in Lake County. On Scene 09/28/16 - 12/16/16. **Mission Ongoing.**
- **2016-Coastal-26842:** CDFW - Oil Spill Prevention Specialist for the Clayton Fire in Lake County. To be On Scene 10/03/16 - 12/16/16. **Mission Ongoing.**
- **2016-Coastal-26477:** Cal Recycle debris removal assistance requested for the Clayton Fire in Lake County; on scene through Mid-December. **Mission Ongoing.**
- **2016-Coastal-26412:** DTSC clean up assistance requested for the Clayton Fire in Lake County; on scene through Mid-December. **Mission Ongoing.**
- **2016-Southern-25043:** California Department of Public Health to conduct housing and food inspections for detention facilities through 12/31/16. **Mission Ongoing.**
- **2016-Southern-25037:** California Division of Drinking Water to conduct surface water inspections for 11 water systems and train new hires through 12/31/16. **Mission Ongoing.**
- **2016-SOC-24742:** Hazardous Waste Task Force to segregate, collect, and package hazardous waste at the 250+ destroyed and damaged structures in the Erskine Fire burn area. This is expected to be in place through December 2016. **Mission Ongoing.**
- **2016-IREOC-21748:** Tasking Cal Trans to extend state highway right of way to facilitate hazard tree removal. This is a long term mission and is expected to remain in place through the summer months. **Mission Ongoing.**
- **2015-IREOC-19846:** One RAWS weather station to Amador OA – On scene 11/30/15, expected to be left in place until May 2017. **Mission Ongoing.**

Cal OES 2016 DROUGHT

The SOC remains activated in support of the Drought State of Emergency and continues to monitor the situation.

Current Local Emergency Proclamations:

A total of **58** local Emergency Proclamations have been received to date from city, county, and tribal governments, as well as special districts:

- 25 Counties: Colusa, Calaveras, El Dorado, Fresno, Glenn, Inyo, Kern, Kings, Madera, Mariposa, Merced, Modoc, Plumas, San Bernardino, San Joaquin, San Luis Obispo, Santa Barbara, Shasta, Siskiyou, Stanislaus, Sutter, Trinity, Tulare, Tuolumne, and Yuba.
- 10 Cities: City of Live Oak (Sutter County), City of Lodi (San Joaquin County), City of Manteca (San Joaquin County), City of Montague (Siskiyou County), City of Porterville (Tulare County), City of Portola (Plumas County), City of Ripon (San Joaquin County), City of Rancho Cucamonga (San Bernardino County), City of West Sacramento (Yolo County), and City of Fort Bragg (Mendocino County).
- 11 Tribes: Cortina Indian Rancheria (Colusa County), Hoopa Valley Tribe (Humboldt County), Karuk Tribe (Siskiyou/Humboldt Counties), Kashia Band of Pomo Indians of the Stewarts Point Rancheria (Sonoma County), Picayune Rancheria of Chukchansi Indians (Madera County), Sherwood Valley Pomo Indian Tribe (Mendocino County), Tolowa Dee-ni' Nation (Del Norte), Tule River Indian Tribe (Tulare County), Tuolumne Band of Me-Wuk Indians (Tuolumne County), Yocha Dehe Wintun Nation (Yolo County), and Yurok Tribe (Humboldt County).
- 12 Special Districts: Carpinteria Valley Water District (Santa Barbara County), Goleta Water District (Santa Barbara County), Groveland Community Services District (Tuolumne County), Lake Don Pedro Community Services District (Mariposa Stanislaus County), Mariposa Public Utility District (Mariposa County), Meiners Oaks Water District (Ventura County), Montecito Water District (Santa Barbara County), Mountain House Community Service District (San Joaquin County), Nevada Irrigation District (Nevada County), Placer County Water Agency (Placer County), Tuolumne Utilities District (Tuolumne County), and Twain Harte Community Services District (Tuolumne County).



Mission:

We protect lives and property, build capabilities, and support our communities for a resilient California.

We achieve our mission by serving the public through effective collaboration in preparing for, protecting against, responding to, recovering from, and mitigating the impacts of all hazards and threats.